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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/809,121	03/24/2004	Hong-Da Liu	25313-1010	7692

24504 7590 10/14/2005

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EXAMINER

QI, ZHI QIANG

ART UNIT PAPER NUMBER

2871

DATE MAILED: 10/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

EX

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/809,121	LIU, HONG-DA	
	<b>Examiner</b>	<b>Art Unit</b>	
	Mike Qi	2871	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-38 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☒ Claim(s) 1-38 are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. ____.  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date ____.   | 6) <input type="checkbox"/> Other: ____.                                    |

## DETAILED ACTION

### *Election/Restrictions*

1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
  - I. Claims 1-17, drawn to a structure of a dual-sided flat panel display, classified in class 349, subclass 61.
  - II. Claims 18-38, drawn to operation method of a dual-sided flat panel display, classified in class 345, subclass 90.
2. Inventions I and II are related as product and process of use. The inventions can be shown to be distinct if either or both of the following can be shown: (1) the process for using the product as claimed can be practiced with another materially different product or (2) the product as claimed can be used in a materially different process of using that product (MPEP § 806.05(h)). In the instant case the product as claimed can be used in a materially different process of using that product. For example, a dual-sided flat panel display can be used by different operating method.

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

If applicant elected **Group I**, a further election of one of the following species is required. Because the application contains claims directed to several elements each having several patentably distinct species of the claimed invention:

- 1) a) the flat panel display is a liquid crystal display (LCD) or a STN-LCD  
[claims 4 and 8];

- b) the flat panel display is an organic light-emitting diode (OLED) [claim 9];
- c) the flat panel display is an electrophoresis display [claim 10];
- 2) a) the driving array comprises a thin film transistor (TFT) array [claim 5];  
b) the driving array comprises a passive matrix driving array [claim 6];  
c) the driving array comprises a thin film diode (TFD) array [claim 7];
- 3) a) the light source modules are provided by the same light source [claim 11];  
b) the light source modules are provided by different light source [claim 12];
- 4) a) the light source is LEDs [claim 13];  
b) the light source is cold cathode fluorescent lamps [claim 14];
- 5) a) the light source comprises red light, blue light and green light [claim 15];  
b) the light source comprises yellow light, magenta light and cyan light [claim 16];  
c) the light source is white light source [claim 17].

If applicant elected **Group II**, a further election of one of the following species is required. Because the application contains claims directed to several elements each having several patentably distinct species of the claimed invention:

- 1) a) the driving array comprises a thin film transistor (TFT) array [claim 19];  
b) the driving array comprises a passive matrix driving array [claim 20];  
c) the driving array comprises a thin film diode (TFD) array [claim 21];
- 2) a) the flat panel display is a STN-LCD [claim 22];

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- b) the flat panel display is an organic light-emitting diode (OLED) [claim 23];
- c) the flat panel display is an electrophoresis display [claim 24];
- 3) a) the first and second light source modules are provided by the same light source [claim 25];  
b) the first and second light source modules are provided by different light source [claim 26];
- 4) a) the light source is LEDs [claim 27];  
b) the light source is cold cathode fluorescent lamps [claim 28];
- 5) a) the light source is white light source [claim 29];  
a) the light source comprises red light, blue light and green light [claim 30];  
b) the light source comprises yellow light, magenta light and cyan light [claim 31];
- 6) a) using white light as light source [claim 35];  
b) using red, blue and green light as light source [claim 36];
- 7) a) the first and second signal display image using image sequential technology [claim 37];  
b) the first and second signal display image using color sequential technology [claim 38].

Applicant is required under 35 U.S.C. 121 **to elect a single disclosed species from each of the elements** for prosecution on the merits to which the claims shall be

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restricted if no generic claim is finally held to be allowable. Currently, no claims appear to be generic.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

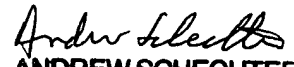
3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mike Qi whose telephone number is (571) 272-2299. The examiner can normally be reached on M-T 8:00 am-5:00 pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Kim can be reached on (571) 272-2293. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mike Qi  
October 11, 2005

  
**ANDREW SCHECHTER**  
**PRIMARY EXAMINER**